

EcoRI, and 2 µl of the denatured reaction mixture was applied onto a denaturing 5% polyacrylamide gel containing 35% formamide and 5.6 M urea. Bands were detected by autoradiography. --

The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

56. (Previously Amended) An antibody which binds to a polypeptide comprising amino acid residues 185 to 215 of SEQ ID NO: 6.
 57. (Previously Amended) An antibody which binds to a polypeptide consisting of amino acid residues 185 to 215 of SEQ ID NO: 6.
 58. (Previously Added) An antibody which binds to a polypeptide encoded by a nucleic acid comprising residues 792 to 884 of SEQ ID NO: 3, wherein said polypeptide has the same reading frame as the sequence of SEQ ID NO: 6.
 59. (Previously Added) An antibody which binds to a polypeptide encoded by a nucleic acid consisting of residues 792 to 884 of SEQ ID NO: 3, wherein said polypeptide has the same reading frame as the sequence of SEQ ID NO: 6.
 60. (currently amended) The antibody of claim [61, 62, 63, or 64]56, 57, 58 or 59, wherein said antibody is a monoclonal antibody.
 61. (Previously Amended) An antibody which binds to a polypeptide comprising at least four contiguous amino acid residues of the sequence of residues 185 to 215 of SEQ ID NO: 6.
 62. (Previously Amended) An antibody which binds to a polypeptide consisting at least four contiguous amino acid residues of the sequence of residues 185 to 215 of SEQ ID NO: 6.
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